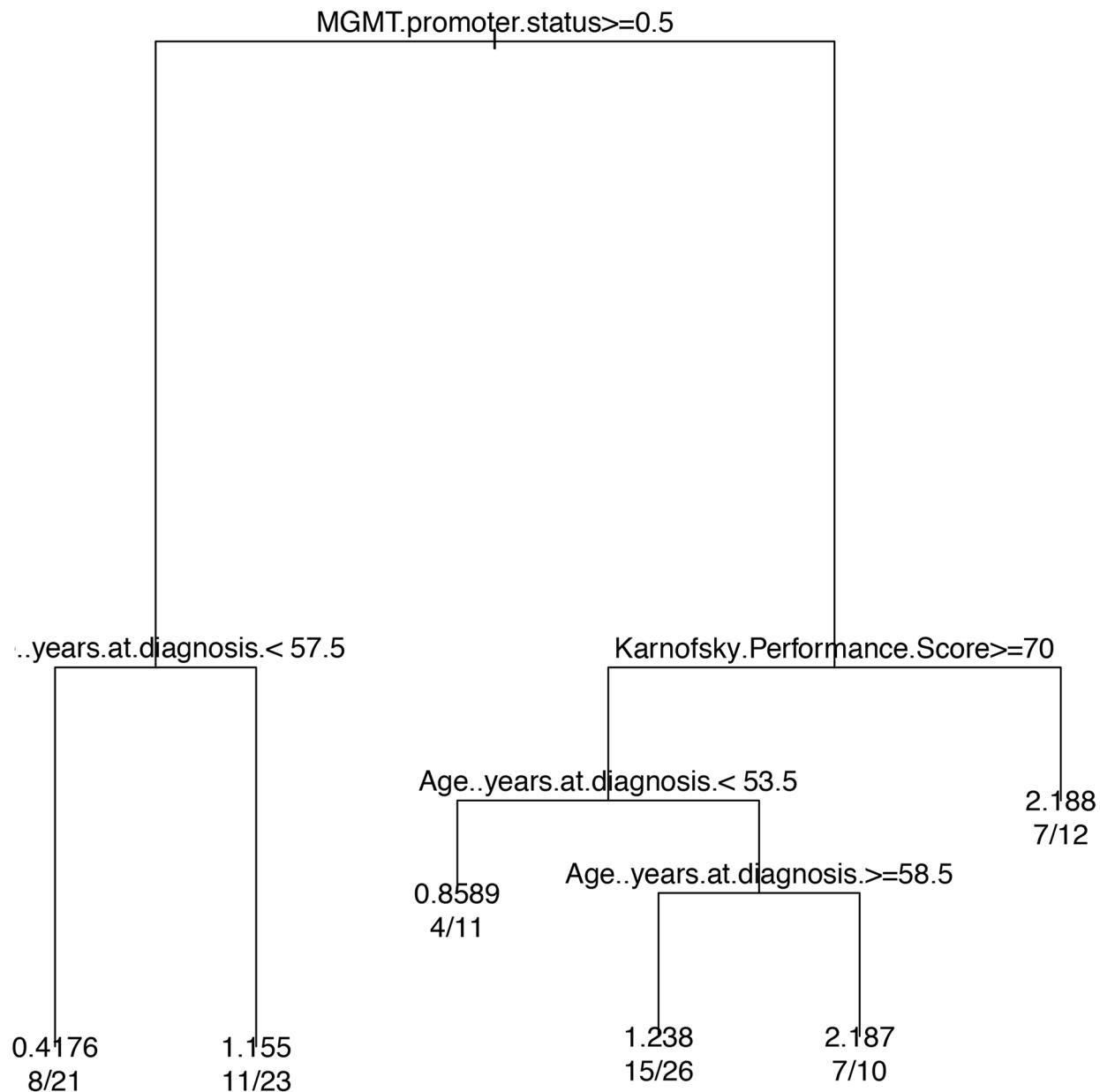


Stratification according to recursive partitioning analysis predicts outcome in newly diagnosed glioblastomas

SUPPLEMENTARY FIGURE AND TABLE



Supplementary Figure S1: The original RPA-generated tree with six leaves.

Supplementary Table 1: Univariate and multivariate analysis of 116 patients with GBM in CGGA

Variable	Total (n=116)					
	No. of patients	Median OS (days)	P value	HR	95%CI	P value
Gender						
Men	77	520	0.11			
Women	38	733				
Age						
<49	53	811	0.10	2.06	1.20-3.54	0.01
≥49	63	526				
Preoperative KPS score						
<80	50	372	<0.01	0.27	0.15-0.46	<0.01
≥80	66	811				
ATRX mRNA expression						
High	20	583	0.91			
Low	20	681				
NA	76					
TERT mRNA expression						
High	20	563	0.81			
Low	20	681				
NA	76					
TERT promoter mutation						
mutation	10		0.27			
Wild type	21	965				
NA	85	584				
1p19q codeletion						
Codeletion	1	372	0.19			0.53
Non-codeletion	115	657				
IDH mutation						
Mutation	18	970	0.48			
Wild type	98	657				
MGMT promoter methylation						
Methylation	43	809	0.30	0.59	0.35-1.01	0.05
Unmethylation	73	369				

OS: overall survival; HR: Hazard ratio